



A-72244/MSS
477077-141

CERTIFICATE OF MAIL (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 27, 2006.

Signed:

Claudia Galik

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Victor V. NAZAROV et al.

Serial No.: **10/714,057**

Filed: **November 14, 2003**

For: **LYOTROPIC LIQUID CRYSTAL SYSTEMS BASED
ON PERYLENETETRACARBOXYLIC ACID
DIBENZIMIDAZOLE SULFODERIVATIVES,
RELATED ANISOTROPIC FILMS, AND METHODS
FOR MAKING**

Examiner: **WU, SHEAN CHIU**

Art Unit: **1756**

Confirmation No.: **3191**

Date: **November 27, 2006**

**NOTIFICATION OF LOSS OF ENTITLEMENT TO
SMALL ENTITY STATUS (37 CFR 1.27(g)(2))**

Mail Stop ISSUE FEE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Applicant hereby formally notifies the U.S. Patent and Trademark Office of a change in small entity status in the referenced patent application. The instant case became ineligible for small entity status under 37 C.F.R. 1.27 on or about May 19, 2005 and thus small entity status is no longer appropriate.

An Issue Fee Transmittal is being filed contemporaneously herewith.

Respectfully submitted,

DORSEY & WHITNEY LLP

Maria S. Swiatek

Reg. No. 37,244

Customer No.: 32,940

555 California Street, Suite 1000

San Francisco, CA 94104-1513

Telephone: (650) 857-1717

Facsimile: (650) 857-1288



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application No. 10/714,057																																				
		Filing Date November 14, 2003																																		
		First Named Inventor Victor V. NAZAROV																																		
		Examiner Name WU, SHEAN CHIU																																		
		Group Art Unit 1756																																		
Total Number of Pages in This Submission 4		Attorney Docket No. A-72244/MSS (477077-141)																																		
ENCLOSURES (check all that apply)																																				
<table border="0"><tr><td><input checked="" type="checkbox"/> Fee Transmittal Form</td><td><input type="checkbox"/> Assignment (for patent Application)</td><td><input type="checkbox"/> After Allowance Communication to Group</td></tr><tr><td><input checked="" type="checkbox"/> Fee Attached \$1,709.00</td><td><input type="checkbox"/> Drawing(s) (Replacement Sheets for pgs. __)</td><td><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences</td></tr><tr><td><input type="checkbox"/> Amendment / Reply</td><td><input type="checkbox"/> Licensing-related Papers</td><td><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)</td></tr><tr><td><input type="checkbox"/> After Final</td><td><input type="checkbox"/> Petition for _____</td><td><input type="checkbox"/> Proprietary Information</td></tr><tr><td><input type="checkbox"/> Affidavits/declaration(s)</td><td><input type="checkbox"/> Petition to Convert to a Provisional Application</td><td><input type="checkbox"/> Status Letter</td></tr><tr><td><input type="checkbox"/> Extension of Time Request</td><td><input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address</td><td><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):</td></tr><tr><td><input type="checkbox"/> Express Abandonment Request</td><td><input type="checkbox"/> Terminal Disclaimer</td><td>Check No. 200708 in the amount of \$1,709 (\$1,400 for Issue Fee at Large Entity rate, \$300 Publication Fee, \$9 for advance copies), Completed Form PTOL-85B; Notification of Loss of Entitlement to Small Entity Status; and a self-addressed stamped return postcard.</td></tr><tr><td><input type="checkbox"/> Information Disclosure Statement</td><td><input type="checkbox"/> Request for Refund</td><td></td></tr><tr><td><input type="checkbox"/> Certified Copy of Priority Document(s)</td><td><input type="checkbox"/> CD, No. of CD(s) _____</td><td></td></tr><tr><td><input type="checkbox"/> Response to Missing Parts/Incomplete Application</td><td colspan="2">Remarks</td></tr><tr><td><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53</td><td colspan="2"></td></tr></table>				<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment (for patent Application)	<input type="checkbox"/> After Allowance Communication to Group	<input checked="" type="checkbox"/> Fee Attached \$1,709.00	<input type="checkbox"/> Drawing(s) (Replacement Sheets for pgs. __)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	<input type="checkbox"/> After Final	<input type="checkbox"/> Petition for _____	<input type="checkbox"/> Proprietary Information	<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter	<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Check No. 200708 in the amount of \$1,709 (\$1,400 for Issue Fee at Large Entity rate, \$300 Publication Fee, \$9 for advance copies), Completed Form PTOL-85B; Notification of Loss of Entitlement to Small Entity Status; and a self-addressed stamped return postcard.	<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund		<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, No. of CD(s) _____		<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks		<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment (for patent Application)	<input type="checkbox"/> After Allowance Communication to Group																																		
<input checked="" type="checkbox"/> Fee Attached \$1,709.00	<input type="checkbox"/> Drawing(s) (Replacement Sheets for pgs. __)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences																																		
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)																																		
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition for _____	<input type="checkbox"/> Proprietary Information																																		
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter																																		
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):																																		
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Check No. 200708 in the amount of \$1,709 (\$1,400 for Issue Fee at Large Entity rate, \$300 Publication Fee, \$9 for advance copies), Completed Form PTOL-85B; Notification of Loss of Entitlement to Small Entity Status; and a self-addressed stamped return postcard.																																		
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund																																			
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, No. of CD(s) _____																																			
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks																																			
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53																																				
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT																																				
Firm or Individual name		Customer Number 32940																																		
Maria S. Swiatek, Esq., Reg. No. 37,244 DORSEY & WHITNEY LLP 555 California Street, Suite 1000 San Francisco, CA 94104-1513 Telephone: 650 857-1717																																				
Signature																																				
Date		November 27, 2006																																		
CERTIFICATE OF MAILING																																				
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:																																				
11/27/06																																				
Typed or printed name		Claudia Galik																																		
Signature			Date November 27, 2006																																	

Effective on 12/08/04

FEE TRANSMITTAL SHEET **(FY 2005)**

☐ Applicant claims small entity status (see 37 C.F.R. 1.27)

METHOD OF PAYMENT (Check One)
☒ Check ☐ Credit Card ☐ Money Order

☒ Deposit Account No.: **50-2319**

 Deposit Account Name: **DORSEY & WHITNEY LLP**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge any additional fees or underpayments of fee(s) under 37 C.F.R. 1.16 and 1.17

☒ Credit any overpayments

☐ Other (please identify):

Extra Claim Fees

Current Claims	Prior	Extra	Fee	Fee Paid
Total	- 20	=	x \$	= \$
Ind.	- 3	=	x \$	= \$
Multiple Dependent Claims		x	\$	\$
Subtotal (Extra Claims)				\$

Petition Fee Under 37 CFR 1.17(f), (g), & (h)

Enclosed is a Petition filed under 37 CFR as indicated below:

☐ Petition Fee under 37 CFR 1.17(f) **Fee \$400**

- § 1.53(e) to accord a filing date.
 § 1.57(a) to accord a filing date.
 § 1.182 for decision on a question not provided for.
 § 1.183 to suspend the rules.
 § 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent.
 § 1.174(b) to accord a filing date to an application under § 1.740 for extension of patent term.

☐ Petition Fee under 37 CFR 1.17(g) **Fee \$200**

- § 1.12 for access to an assignment record.
 § 1.14 for access to an application.
 § 1.47 for filing by other than all inventors or person not the inventor.
 § 1.59 for expungement of information.
 § 1.103(a) to suspend action in an application.
 § 1.136(b) for review of a request for ext. of time when § 1.136(a) not avail.
 § 1.295 for review of refusal to publish a statutory invention registration.
 § 1.296 to withdraw a req. for pub. after notice of intent to publish issued.
 § 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.
 § 1.550(c) for request for ext. of time in *ex parte* reexam. proceedings.
 § 1.956 for request for ext. of time in *ex parte* reexam. proceedings.
 § 5.12 for expedited handling of foreign filing license.
 § 5.15 for changing the scope of a license.
 § 1.5.25 for retroactive license.

☐ Petition Fee under 37 CFR 1.17(h) **Fee \$130**

- § 1.19(g) to request documents in a form other than provided in this part.
 § 1.84 for accepting color drawings or photographs.
 § 1.91 for entry of a model or exhibit.
 § 1.102(d) to make an application special.
 § 1.138(c) to expressly abandon an application to avoid publication.
 § 1.313 to withdraw an application from issue.
 § 1.314 to defer issuance of a patent.

Complete if Known

Application No.	10714,057
Filing Date	November 14, 2003
First Inventor	Victor V. NAZAROV
Group Art Unit	1756
Examiner Name	WU, SHEAN CHIU
Atty. Docket Number	A-72244/MSS (477077-141)

FEE CALCULATION (Continued)
3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	
130	65	Surcharge - Late nonprovisional filing fee or oath	
180	180	Submission of IDS	
40	40	Recording each patent assignment per property (times number of properties)	
120	60	Extension for reply within first month	
450	225	Extension for reply within second month	
1,020	510	Extension for reply within third month	
1,590	795	Extension for reply within fourth month	
2,160	1,080	Extension for reply within fifth month	
790	395	Submission After Final 1.129	
500	250	Notice of Appeal	
500	250	Filing a brief in support of an appeal	
1,000	500	Request for oral hearing	
110	55	Terminal Disclaimer Fee	
800	400	Design Issue Fee	
1400	700	Issue Fee	\$1,400.00
790	395	Request for Continued Examination (RCE)	
130		Request for voluntary publication or republication	
500	250	Petition to Revive - unavoidable	
1,500	750	Petition to Revive - unintentional	
200		Filing for patent term adjustment	
400		Request for reinstatement of term reduced	
1,120		Extension of term of patent	
OTHER FEE (specify)		\$300 Publication Fee; \$9 for three advance soft copies	\$ 309.00
Subtotal (Additional Fees)			\$1,709.00
Total Amount of Payment:			\$1,709.00

Submitted by:

CUSTOMER NUMBER

32940

DORSEY & WHITNEY LLP

 Name: **Maria S. Swiatek, Esq.**

 Phone No.: **650-857-1717**

 Fax No.: **650-857-1288**

Signature:

 Reg. No.: **37,244**

 Date: **November 27, 2006**